

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey
Date of Survey 13th Jan 33.
Name of Surveyor

J. Brown & Sons No. 149
Ship's Name. **DAHLOR**
LANTWIT MAJOR

Port of Registry and Nationality. *Shanghai Cardiff & Hong Kong*
Official Number. 129330
Gross Tonnage. 2298
Date of Build. 1913-8
Particulars of Classification. 100 A1.

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	290.0	40.80	17.80	1452.38
Length on LOADLINE.	289.75	Frame Depth Rule 83 " 5 - .58 rodspanning + .33	Ceiling + 20 Sheer + 84 Tank top level	Peak Tanks incl
CORRECTED DIMENSIONS.	289.75	40.55	18.84	1452.38

Moulded Depth as measured..... 20.0
Addition for Keel below base line for draught record..... inches.

NOTE. - If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	289.75
Length in Table	290.00
Difference	0.25
Correction for 10ft., Table A.	1.7
Table C.	
× Difference divided by 10	5.97 (if required.)
If 1/10ths length covered divide by 2	+ 2.98
	+ 3

Co-efficient of fineness..... 79
Any modification necessary } - .02 C.D.B.
[Para. 4 (a) to (e)]* }
Co-efficient as corrected 47

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	68.1
Thickness of usual wood deck, less stringer (4 - .56).....	3.44
	- 3 1/4"

Sheer { Stem..... 90 } 135 ÷ 2 = 67.5 ... Mean
at { Sternpost ... 45 } 38.12 ÷ 55 = 69.30
Sheer at 1/4 of the length from { Stem 49.75 } 76.25 ÷ 2 = 38.12 ... Mean
{ Sternpost 26.5 }
Gradual mean Sheer allowed 68.40
Standard mean Sheer [Table, Para. 18] 38.97 Correction
Difference..... 29.43 ÷ 4 = 7.35
§ If limited as Para. 18 (f) - 4 1/4"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	39.11 1/2
Round of Beam	10
Normal round.....	10
Difference	÷ 2 =
Proportion of Deck uncovered (Para. 19)	✓

NOTE. - The round of beam should be reported on the full breadth of vessel at the gunwale.

Rise in Sheer { At front of bridge house..... 2 1/2"
from amidships }
[Para. 18 (e)] { At after end of forecastle 5 1/4"

Fall in Sheer }
Para. 18 (d) } incl ÷ 2 =
Length uncovered Correction

Freeboard, Table A	3' 10 1/2"
Correction for Sheer	- 7 1/4"
	3' 3 1/4"
Correction for Length	+ 3
	3' 6 1/4"
Allowance for Deck Erections	- 10 3/4"
	2' 7 1/2"
Correction for Round of Beam.....	-
Correction for fall in Sheer (if any).....	-
Correction for Steel Deck (if required)	- 3 1/4"
	2' 4 1/4"
Additions for non-compliance with provisions of } Para. 11 (d) and (e) † } Other Corrections (if any)	✓

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	1' 4 1/4"
Correction for Length, if required (Para. 12, 13, and 14)	
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } Difference	3' 3 1/4"
Percentage as below..... 46.8	1 - 11

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections - 10 3/4"

Winter Freeboard	2' 4 1/4"
Summer Freeboard	2' 1 1/4"
Indian Summer Freeboard	1' 10 1/4"
N. A. Winter Freeboard	2' 7 1/4"

	Length.	Length allowed.	Height.
Forecastle.....	30.4	30.33	7.0
Bridge House	52.10 1/2	52.87	7.0
† Raised Qr. Dk.....	90.1 × 4.0 / 4.53	79.54	4.0
Poop.....	24.3	24.25	7.0
Total	197.62	186.99	64.53
Length of Ship	289.9	289.75	
Corresponding percentage } (Para. 11, 12, 13, or 14) } 46.8%			

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. *incl*

Winter Freeboard from deck line

Summer " " " "

Indian Summer " " " "

N. A. Winter " " " "

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck :-

Tropical Fresh Water Line above Centre of Disc ... 8"	Tropical Fresh Water Freeboard ... 2' 1"
Fresh Water Line " " ... 5"	Fresh Water " " ... 1' 5"
Tropical Line " " ... 3"	Tropical " " ... 1' 8"
Winter Line below " " ... 3"	Winter " " ... 2' 4"
Winter North Atlantic Line " " ... 6"	Winter North Atlantic " " ... 2' 7"

4 JAN 1933

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J. J. B. 13.1.33